

CLAIMS

1. A computer implemented method comprising
providing a subscriber with a service having a first
characteristic,
observing at the network, that the provided service to
the subscriber has a second characteristic; and
billing the subscriber for the service having the
second characteristic rather than for the service having the
first characteristic.
2. The method of claim 1 wherein observing further
comprises:
determining at the network that resources are not
available for providing the first level of service; and, in
response to said determination,
providing a second level service.
3. The method of claim 2 wherein providing the second
level of service further comprises:
reassessing and redefining the deployed service.
4. The method of claim 3 wherein the process observes
whether reassessment and redefining of the deployed policy was
successful.
5. The method of claim 1 further comprising:
determining whether there has been packet loss; and
wherein determining packet loss includes:

Sub
deploying a packet detector monitor in the network to generate network accounting records that can be used to determine packet loss.

6. The method of claim 1 wherein the providing further comprises:

establishing a differentiate services policy that is decomposed into a collection of configurations and deployed in a network.

7. The method of claim 1 wherein the providing further comprises:

deploying the configurations to a collection of routers or switches that the customer would have access to in the network.

8. The method of claim 1 wherein observing observes a large number of network flows.

9. The method of claim 8 wherein observing further comprises:

using an accounting process that produces information at a granularity level at which the policies are actually deployed.

10. The method of claim 9 wherein the policies are deployed at source and destination IP address, protocol and/or destination port level.